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ST. JOHN'S UNIVERSITY

ENTRANCE EXAMINATION PAPERS

JUNE, 1914

SHANGHAI:
PRINTED AT THE PRESBYTERIAN MISSION PRESS
1914

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ENTRANCE EXAMINATION PAPERS

WESTERN DEPARTMENT

ENGLISH LITERATURE

Silas Marner.
Pilgrim's Progress.

1. Write a composition, at least two hundred words long, on Rice.

2. Explain the meaning of the following phrases:—

(*a*) An open question, (*b*) opening his trouble, (*c*) a preternatural felon, (*d*) take upon him to contradict, (*e*) a movement of compunction, (*f*) Nolo episcopari, (*g*) driven into a corner, (*h*) a docile clairvoyante, (*i*) made her blood creep, (*j*) throw cold water upon what Mr. Snell said.

3. Tell the story of Molly Farren's death.

4. Why would Eppie not leave Silas when Godfrey claimed her?

5. What was Mr. Worldly Wiseman's advice?

6. Describe the seven things which Christian saw in the house of the Interpreter.

Time allowed for the paper: 3 hours.

ENGLISH LANGUAGE

Essentials of English Composition (Tarbell).

1. What do you mean by "Brevity" and how can it be secured?

2. How can you avoid ambiguity with participles? With personal pronouns? With relative pronouns?

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3. Name the figure of speech in each of the following quotations and explain them in your own words:

(*a*) Learning is a sceptre to some, a bauble to others.
(*b*) Uneasy lies the head that wears a crown.
(*c*) Failures are the pillars of success.
(*d*) Rivers of water run down my eyes because they keep not thy law.

4. A child has been lost. Write an advertisement stating circumstances and describing the child.

5. State distinction in meaning between:

(*a*) Hope - expect.
(*b*) Force - power.
(*c*) Discover - invent.
(*d*) Healthful - healthy.

6. As secretary write to one of the persons to whom a resolution of thanks has been voted, and send him a copy of the resolution.

7. Give a few rules governing the uses of the colon and the semi-colon.

8. Write a composition upon one of the following subjects:

(*a*) Evangeline, the Arcadian maiden.
(*b*) The Camel.
(*c*) A Snowstorm.
(*d*) Abraham Lincoln.

Time allowed for the paper: 3 hours.

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HISTORY

Outlines of European History, Part I (Breasted and Robertson).

1. Speak of the geography of Italy and show its effect on Roman History.

2. Compare life, manners, institutions of early Rome with Rome of the Republic, and Rome of the Empire.

3. What were the contributions of Rome to the world's (or European) development?

4. What were the immediate and ultimate causes of the "Fall" of Rome? What do you understand by the expression "Fall of Rome?"

5. Show the importance of Commerce and Colonisation on the growth of Rome?

6. Compare the method of the rule of Augustus with that of Diocletian.

7. Trace the inroads of the barbarians which led to the breaking up of the Roman Empire.

8. Importance of Charlemagne's coronation by the pope as Emperor of the Romans.

9. How did the Crusades show the state of mind of the European people? Results of the Crusades?

10. Importance of Witanagemot, Magna Charta, Simon de Montfort's Parliament, Model Parliament in the democratic development of England.

11. Trace development of Feudalism in Europe. Importance of Feudalism in European history.

Omit one question.

Time allowed for the paper: 3 hours.

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ELEMENTARY PHYSIOLOGY

Life and Health (Blaisdell).

1. What name is given to the body framework, and how many bones form it?

2. What two kinds of muscle are there in the body and where are they situated?

3. What classes of food are necessary to keep the body in good condition? From what sources are they derived?

4. What kinds of foods are digested: (*a*) in the stomach, (*b*) in the intestines?

5. What sets of glands pour their secretion into the mouth? What is the use of their secretions? How many teeth ought a child of four years and a man of thirty to have?

6. Give a short description of the circulation of the blood.

7. Of what is the blood made up?

8. What is the use of respiration and how many times a minute do we breathe?

9. What organs eliminate the waste of the body, and where are they situated?

10. What general names are given to the organisms which produce disease, and how do they get into people? Name 3 diseases produced by them.

Time allowed for the paper: 2 hours.

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ALGEBRA

First Course (Hawkes, Luby, and Touton).

1. Solve and check :—

$$\frac{x}{a} + \frac{x}{c} + ac = bc + ab + \frac{x}{b}$$

2. A can do a piece of work in 12 days and B in 15 days. After A works 3 days alone, A and B finish the work. How long do they work together?

3. Simplify :—

$$\frac{(x+2)^2}{3x^3 + 6x^2 + 12x} \cdot (15 - 9x^2) \cdot \frac{x^3 - 8}{4 - x^2}$$

4. Solve graphically and verify the following pair of equations $\begin{cases} 3x - y = 0 \\ 3y - 2x - 14 = 0 \end{cases}$

5. Extract the square root of the following :—

$$9c^4 - 12c^3 + 4c^2 - \frac{4}{c} + \frac{1}{c^4} + 6$$

6. Rationalize denominator: $\dfrac{4\sqrt{3} + 2\sqrt{2}}{4\sqrt{3} - 2\sqrt{2}}$

7. Solve: $x^2 + 2x\sqrt{a} - 3a = 0$

8. Solve: $\left.\begin{array}{l} x^2 - xy - 6y^2 = 16 \\ x - 3y = 1 \end{array}\right\}$

9. Solve: $\sqrt{x+3} + \sqrt{x-4} = \sqrt{4x-3}$

10. At what times between 7 and 8 o'clock are the hands of a clock at right angles?

Time allowed for the paper: 3 hours.

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GEOMETRY

Plane and Solid Geometry (Wentworth). First four books.

1. The bisector of a given angle is the locus of points equidistant from the sides of the angle.

2. The sum of the interior angles of a polygon is equal to two right angles, taken as many times less two as the figure has sides.

3. How many sides has a polygon if the sum of its interior angles is seven times the sum of its exterior angles.

4. The perpendiculars from the vertices of a triangle to the opposite side meet in a point.

5. The tangents to a circle drawn from an external point are equal and make equal angles with the line joining the point to the center.

6. To construct a trapezoid having given two bases and two diagonals.

7. The bisector of an exterior angle of a triangle divides the opposite side externally into segments which are proportional to the adjacent sides.

8. The sides of a triangle are 104, 111, and 175 feet. Find the area.

Time allowed for the paper: 3 hours.

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RELIGIOUS INSTRUCTION

June, 1914

Gospel of St. Matthew.
Acts of the Apostles.

1. Relate the parable of the sower and tell what Christ meant by it.

2. Give a brief account of what took place from the time of Christ's entry into Jerusalem until his burial.

3. What did the feast of the Passover commemorate? Tell about its origin.

4. Some people do not believe in the resurrection because it is hard to understand and because it only happened once. What is the answer to these arguments? Why should we believe St. Paul?

5. Write briefly about the following: Nicodemus, the Pharisees, Barabbas, Pontius Pilate.

Time allowed for the paper: 2 hours.

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正科生入學試驗題

CHINESE DEPARTMENT

CHINESE HISTORY

(甲) 歷史

一 宋高宗卽位時李綱爲相宗澤爲將試述二人之政績及其結果

二 宋孝宗時與金議和之條約較高宗時有異同否試畧述之

三 試述賈似道誤國之大畧

四 明初封建之制若何與周漢之封建因何而異

五 明成祖何故討安南試言其原因

六 試述英宗復位之大畧

七 楊一淸平安化王寘鐇後用何策以除劉瑾

八 東林黨之起原若何

九 明末三案之爭其是非究奚若試畧言之

十 試畧述吳三桂借淸兵之得失

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ETHICS

(乙) 修身

一 試言動作與行爲之別

二 意志作用何由而起

三 良心如何命人何以每爲妄念所阻

四 理想何以因人因時而異

五 試言快樂之種類反對快樂者有何說

六 良心之本原當合何二說而其義始完

七 保全人格之道若何

八 試言法律與道德之別

九 比較人之善惡以何者爲標準

十 爲財產而自累與利用資財者其利害得失若何試分別言之

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GOVERNMENT

(丙) 法政

一 權利能力於何時始有何例外

二 監護人與保佐人之權限若何

三 何謂法定住址

四 社團法人以何爲主體

五 試言法人設立時之必要

六 何謂替代物何謂不替代物

七 何謂有瑕疵之意思表示

八 何謂要約何謂承諾

九 試言代理人之類別

十 條件分何二種

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LITERATURE

(丁)國文

一 性與情有別否孟荀楊三子之言性若何韓愈之言性若何

二 東坡何以謂李斯禍秦皆出於荀卿之學

三 序六一居士集何故歷引孔孟韓愈其總斷歐陽子文似何幾人

四 讀通鑑有何益處朱子何爲以仁之說進於張侯

五 楊惲報孫會宗書其被人指爲誹謗者在何段并述其詩

六 李陵答蘇武書何段最爲沉痛其書何以知爲後人擬作

七 陳情表因何而作其足以感動武帝處在何幾句

八 出師二表其命意有異否兩篇中最要處爲何幾句

九 諫逐客書其援引何事以明逐客之過何幾句最足使秦王感悟

十 古今解釋君主之義有異否黎洲原君之作有所本否

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SUBJECT FOR ESSAY

(戊) 作文

諸葛孔明治國之才論

蘇轍三國論有曰用諸葛孔明治國之才而當紛紜征伐之衝則非將也

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TRANSLATION: CHINESE INTO ENGLISH

(己) 繙譯

(a) 中文譯英文

躄盜

躄盜者一足躄善穿窬嘗夜從二盜入巨姓家登屋上翻瓦使二盜以繩下之搜貲入之櫃命二盜繫上已復下其櫃入貲上之約如是者三及其數躄盜自度曰櫃上彼毋置吾去乎遂自入坐櫃中二盜繫上之果私語曰貲重矣吾二人分之則有餘彼出則必多取是厲吾也不如置而去也遂持櫃行大野中一人曰躄盜稱善偷乃爲吾二人賣一人曰此時將見主人翁矣相與大笑歡喜不知躄盜乃在櫃中頃二盜倦坐道上躄盜度將曙又聞遠舍有人語笑櫃出大聲曰盜刦吾二盜遑訝遁去躄盜顧乃得全貲歸

(b) 英文譯中文

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TRANSLATION: ENGLISH INTO CHINESE

The Survival of the Social Group

After the social group had been fully formed so that it had a permanent identity, it began its career of struggle for the soil with other groups. If the group represents a vigorous racial stock and was successful in locating under favourable circumstances, it had many opportunities for survival. The larger and stronger group was, by its vigor and foresight, sure to locate in the best territory. However, if through accident a strong racial stock were forced to remain for a period of time under less favourable circumstances, the opportunities for success was much decreased. On the other hand, if a race lacking in vigor of body or in intellect should locate in the most fertile district and with the most favourable environment, the opportunities for survival would be even less than that of the vigorous race which located under unfavourable circumstances, because the well directed effort of man is the prime factor in his survival. Hence, where a race of low vitality locates on a barren soil or is thrust back on poor hunting grounds its chance for survival is very small. The history of races shows how thousands of these groups or tribes are thrust aside by stronger races and perish, leaving no record of civilization. The results of land occupation, therefore, will depend largely on the size and activity of the social group which settles upon it. If the group be strong and vigorous it moves more rapidly in subduing nature and bringing to its support her various bounties.

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